

1.	Record Nr.	UNINA9910490738403321
	Titolo	Advanced ceramic materials / / Edited by Mohsen Mhadhbi
	Pubbl/distr/stampa	London, England : , : IntechOpen, , [2021] ©2021
	ISBN	1-83881-212-1
	Descrizione fisica	1 online resource (296 pages) : illustrations
	Disciplina	620.14
	Soggetti	Ceramic materials
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographic references.
2.	Record Nr.	UNINA9910751201303321
	Autore	Pititto, Rocco
	Titolo	Ad Auschwitz Dio c'era : i credenti e la sfida del male / Rocco Pititto
	Pubbl/distr/stampa	Roma, : Studium, 2005
	ISBN	88-382-3969-X
	Descrizione fisica	203 p. ; 21 cm
	Collana	La dialettica ; 21
	Disciplina	231.8
	Locazione	DINEL
	Collocazione	10 DO 169 TA
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

3. Record Nr.	UNINA9910779530103321
Titolo	Advances in nanotechnology [[electronic resource]] . Volume 2 / / Zacharie Bartul and Jerome Trenor, editors
Pubbl/distr/stampa	New York, : Nova Science, c2010
ISBN	1-61761-750-4
Descrizione fisica	1 online resource (486 p.)
Collana	Advances in Nanotechnology ; ; v.2
Altri autori (Persone)	BartulZacharie TrenorJerome
Soggetti	Nanotechnology High technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""ADVANCES IN NANOTECHNOLOGY, VOLUME 2 ""; ""ADVANCES IN NANOTECHNOLOGY, VOLUME 2 ""; ""CONTENTS ""; ""PREFACE""; ""NANOSTRUCTURED CONDUCTING POLYMERSAND THEIR NANOCOMPOSITES: CLASSIFICATION,PROPERTIES, FABRICATION AND APPLICATIONS""; ""Abstract""; ""1. Introduction to Nanotechnology""; ""1.1. State-of-the-Art of Nanotechnology""; ""1.2. Nanotechnology in the Chemical Industry æ? Opportunitiesand Challenges""; ""2. Synthesis and Self-assembly of Nanomaterials""; ""2.1. Classification of Nanomaterials""; ""3. Overview of Investment and Commercial Value"" ""4. Concept of Nanoconducting Polymers""""4.1. Preparation""; ""4.1.1. Electrochemical Synthesis""; ""4.1.2. Chemical Synthesis""; ""4.1.3. Template Synthesis""; ""4.1.4. Biocatalytic Approach""; ""4.1.5. Chemical Vapor Deposition""; ""4.2. Classification of Experimental Procedures""; ""4.3. Structural Characterization""; ""4.3.1. FT-IR Studies""; ""4.3.2. Raman Spectroscopy""; ""4.3.3. Uv-Vis Spectra""; ""4.3.4. X-Ray Diffraction""; ""4.3.5. Morphological Properties""; ""4.3.5.1. Sem Analysis""; ""4.3.5.2. TEM""; ""4.3.5.3. AFM""; ""4.3.6. Mechanism of Conduction"" ""4.3.7. Optoelectronic Properties""""4.3.7.1. Luminescence""; ""5. Nanocomposites Based on Conducting Polymers""; ""6. Classification of Nano Conducting Polymer BasedNanocomposites""; ""6.1. Layered Like Inorganic Media and Porous Hosts""; ""6.1.1. PANI-Silica

Nanocomposites""; ""6.1.2. PANI-Silane Nanoparticles""; ""6.2. Nano-scale Metal Particles""; ""6.2.1. PANI-Au and PANI-Ag Nanoparticles""; ""6.2.3. PANI-Pt Nanoparticles""; ""6.2.4. PANI-Pd Nanoparticles""; ""6.2.5. PANI-Ni And PANI-Sn Nanoparticles""; ""6.2.6. PANI-Cu Nanocomposites""; ""6.3. Metal Oxides Based Nanocomposites""
 ""6.3.1. PANI-V₂O₅ Nanocomposites""""6.3.2. PANI-TiO₂ Nanocomposites""; ""6.3.3. PANI-Ferrite Nanocomposites""; ""6.3.4. Pani- Al₂O₃""; ""6.3.5. PANI-SnO₂ Nanoparticles""; ""6.3.6. PANI-Zno and PANI-CeO₂ Nanocomposite""; ""6.3.7. PANI-MnO₂ Nanocomposites""; ""6.3.8. PANI-Phosphate Nanocomposites""; ""6.3.9. PANI-CdS Nanocomposites""; ""6.3.10. PANI-TiN Nanocomposites""; ""6.3.11. PANI-Zeolite""; ""6.4. PANI- CNT Nanocomposites""; ""6.4.1. PANI a€? Graphite Nanocomposites Including Carbon Black""; ""7. Preparation Techniques""; ""7.1. Electro Spinning Process""
 ""7.2. Mechano-Chemical Synthesis""""7.3. Vapor-Phase Assisted Surface Polymerization (VASP)""; ""7.4. Intercalation Techniques""; ""8. Characterization Techniques""; ""9. Properties of Nanocomposites""; ""9.1. Mechanical Properties""; ""9.2. Viscoelastic Properties""; ""9.3. Crystallinity""; ""9.4. Density/Volume Change""; ""9.5. Thermal Properties""; ""9.6. Barrier Properties""; ""9.7. Electrical Conductivity""; ""10. Design, NANO Fabrication and Nano Integration Applicationof Nano Conducting Polymers and Nancomposites""; ""10.1. Nanoelectronics""; ""10.1.1. Photovoltaics"";""10.1.2. Solar Cells""
